

STRIPPING TOOL FOR FIBER OPTIC CABLES

Abstract

A scissors-type fiber optic cable stripping tool includes a pair of operating members pivotally connected intermediate their ends, thereby to define stripping portions and handle portions on opposite sides of a pivot pin. The adjacent surfaces of the stripping portions are provided with a plurality of longitudinally spaced V-shaped recesses that cooperate when the operating members are pivoted to the closed position to define stripping openings that progress in size in the direction away from the pivot pin. Spring means bias the operating members toward an open condition, and locking means serve to lock the operating members in the closed condition for transport of the tool. The stripping openings of progressively increasing size have machined surfaces that define knife edges are adapted to sever the outer concentric insulation layers of various sizes and types of fiber optic cables, including the outer jacket of a 2.0 mm to 2.4 mm optic fiber cable, the outer jacket of a 2.8 to 3.0 mm optic fiber cable, the outer jacket of a 2.0 mm to 3.0 mm loose tube optic fiber cable, the 900 μm buffer layer of a loose buffer optic cable, and the buffer and acrylate layers of 900/125 μm and 250/125 μm fiber optic cables.